

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Original) A method for expressing a transporter having transporter activity, wherein the method comprises culturing a host infected with a recombinant virus that comprises a gene encoding the transporter, and expressing the transporter on the envelope of a budding virus released from the host.
2. (Original) The method of claim 1, wherein the virus is a baculovirus.
3. (Previously Presented) The method of claim 1, wherein the transporter is derived from a non-virus.
4. (Previously Presented) The method of claim 1, wherein the transporter is a peptide transporter or an organic anion transporter.
5. (Original) The method of claim 4 wherein the transporter is PepT1, PepT2, or OATP-C.
6. (Currently Amended) A virus ~~that expresses~~ the envelope of which comprises a transporter having transporter activity.
7. (Original) The virus of claim 6, wherein the transporter is of a non-viral origin.
8. (Original) The virus of claim 7 wherein the virus is a baculovirus.
9. (Previously Presented) The virus of claim 6, wherein the virus is a budding virus.

10. (Previously Presented) The virus of claim 6, wherein the transporter is a peptide transporter or an organic anion transporter.

11. (Original) The virus of claim 10, wherein the transporter is PepT1, PepT2, or OATP-C.

12. (Original) A method for measuring the activity of a transporter, wherein the method comprises expressing the transporter on a viral envelope.

13. (Original) The method of claim 12, wherein the virus is a budding baculovirus.

14. (Previously Presented) The method of claim 12, wherein the transporter is a peptide transporter or an organic anion transporter.

15. (Original) The method of claim 14, wherein the transporter is PepT1, PepT2, or OATP-C.

16. (Original) A method of screening for a substance that inhibits or promotes transport activity of a transporter, wherein the method comprises the following steps:

- (a) expressing the transporter on a viral envelope,
- (b) contacting the transporter with a test substance, and
- (c) selecting a substance that inhibits or promotes the transport activity.

17. (Original) The method of claim 16 wherein the virus is a baculovirus.

18. (Previously Presented) The method of claim 16 wherein the virus is a budding virus.

19. (Previously Presented) The method of claim 16, wherein the transporter is of a non-viral origin.

20. (Previously Presented) The method of claim 16, wherein the transporter is a peptide transporter or an organic anion transporter.

21. (Original) The method of claim 20, wherein the transporter is PepT1, PepT2, or OATP-C.

22. (Previously Presented) The method of claim 16, which comprises immobilizing the virus on a support.

23. (Original) The method of claim 22, wherein the virus is immobilized on the support through an antibody against an envelope protein expressed on the viral envelope.

24. (Original) The method of claim 22, wherein the virus is immobilized on the support through a biotin-streptavidin reaction by biotinylating a protein expressed on the viral envelope.